## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits | Search Query   | DBs                                      | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|--|---------------------|---------|---------------------|
| S1   | 18   | ("20020132051"  <br>"20030180571"  <br>"4405660"  <br>"5277939"  <br>"5958204"  <br>"6153313"  <br>"6312832"  <br>"6737110").PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/09/30<br>15:46 |
| S2   | 1    | ((MARION) near2<br>(BARTSCH)).INV.   | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2008/09/30<br>15:58 |
| S3   | 1    | ((MARION) near2<br>(BARTSCH)).INV.   | EPO; JPO;<br>DERWENT                     | OR                  | ON      | 2008/09/30<br>15:58 |
| S4   | 1    | ((BERND) near2<br>(BAUFELD)).INV.  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2008/09/30<br>15:58 |
| S5   | 1    | ((BERND) near2<br>(BAUFELD)).INV.  | EPO; JPO;<br>DERWENT                     | OR                  | ON      | 2008/09/30<br>15:58 |
| S6   | 2    | S2 S3 S4 S5  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/09/30<br>16:05 |
| S7   | 7    | 428/469.ccls. and (((thick thickness) with micron with ceramic) same (metal metallic)). ti,ab,clm.                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/09/30<br>16:29 |
| S8   | 10   | 428/701,702.ccls. and (((thick thickness) with micron with ceramic) same (metal metallic)). ti,ab,clm.                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/09/30<br>17:01 |
| S9   | 7    | S8 NOT S7  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/09/30<br>17:01 |
| S10  | 32   | 428/469.ccls. and (aluminum with substrate) and ((thick thickness) with micron with (ceramic oxide)). ti,ab,clm.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/09/30<br>18:03 |

| S11 | 19 | S10 and ((EBPVD EB-<br>PVD PVD (electron<br>near3 beam)) (APS<br>(air near3 plasma))<br>(CVD (chemical near3<br>vapor)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/30<br>18:09 |
|-----|----|--|--|----|----|---------------------|
| S12 | 13 | S10 not S11  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/30<br>18:09 |
| S13 | 41 | (micron micrometer) with (zirconia YSZ) with thick\$ with (TBC topcoat)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/29<br>16:08 |
| S14 | 6  | ((electron with beam with vapor) EB-PVD EBPVD APS (air with plasma with spray)) and ((chemical with vapor with deposition) CVD (electrophoresis with sinter\$) (dip near3 coat) dip-coat\$ dipcoat\$) and S13                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/29<br>16:11 |
| S15 | 50 | (micron micrometer) with (zirconia YSZ) with thick\$ with (thermal with barrier)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/29<br>16:41 |
| S16 | 23 | ((electron with beam with vapor) EB-PVD EBPVD APS (air with plasma with spray)) and ((chemical with vapor with deposition) CVD (electrophoresis with sinter\$) (dip near3 coat) dip-coat\$ dipcoat\$) and S15                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/29<br>16:41 |
| S17 | 3  | (((electron with beam with vapor) EB-PVD EBPVD) and ((chemical with vapor with deposition) CVD (electrophoresis with sinter\$) (dip near3 coat) dip-coat\$ dipcoat\$)) with (zirconia YSZ (stabilized near4 zirconium)) with (TBC topcoat) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/08/29<br>17:38 |

| S18 | 48 | (((electron with beam with vapor) EB-PVD EBPVD) and ((chemical with vapor with deposition) CVD (electrophoresis with sinter\$) (dip near3 coat) dip-coat\$ dipcoat\$)) with (zirconia YSZ (stabilized near4 zirconium))                             | OR | ON | 2009/08/29<br>17:41 |
|-----|----|---|----|----|---------------------|
| S19 | 2  | (((electron with beam with vapor) EB-PVD EBPVD) and ((chemical with vapor with deposition) CVD (electrophoresis with sinter\$) (dip near3 coat) dip-coat\$ dipcoat\$)) with (zirconia YSZ (stabilized near4 zirconium)) with (thermal with barrier) | OR | ON | 2009/08/29<br>17:42 |

8/29/2009 10:23:12 PM

C:\ Documents and Settings\ Aaustin\ My Documents\ EAST\ Workspaces\ 10573667.wsp